

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

27187

7590

06/03/2004

BAKER & DANIELS 205 W. JEFFERSON BOULEVARD **SUITE 250** SOUTH BEND, IN 46601

EXAMINER NGUYEN, KHIEM M

ART UNIT

PAPER NUMBER

2839

DATE MAILED: 06/03/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/831,415	09/14/2001	Reginald Leeman	KSN0013	4224

TITLE OF INVENTION: ELECTRIC COMPONENTS FOR PRINTED BOARDS AND METHOD FOR AUTOMATICALLY INSERTING SAID COMPONENTS IN PRINTED BOARDS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	09/03/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE STATUTORY PERIOD CANNOT BE EXTENDED. REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(702) 746 4000

			or <u>Fax</u>	(703) 740-4000		
INSTRUCTIONS: This for appropriate. All further corr indicated unless corrected be maintenance fee notifications.	espondence including the legion or directed otherwise	smitting the ISSU Patent, advance ordin Block 1, by (a)	E FEE and PUBLIC ders and notification specifying a new c	OATION FEE (if req of maintenance fees orrespondence addres	uired). Blocks 1 through 4 s will be mailed to the current s; and/or (b) indicating a sepa	hould be completed where correspondence address as arate "FEE ADDRESS" for
	E ADDRESS (Note: Legibly mark-up	with any corrections or	use Block 1)	Note: A certificate of Fee(s) Transmittal. I	of mailing can only be used for his certificate cannot be used nal paper, such as an assignment	or domestic mailings of the for any other accompanying ent or formal drawing must
27187 759	90 06/03/2004			have its own certifica	ate of mailing or transmission.	o
BAKER & DANI 205 W. JEFFERSO SUITE 250 SOUTH BEND, IN	N BOULEVARD			I hereby certify that States Postal Service addressed to the M	ertificate of Mailing or Trans this Fee(s) Transmittal is bein with sufficient postage for fir ail Stop ISSUE FEE address SPTO, on the date indicated be	g deposited with the United st class mail in an envelope above, or being facsimile
SOUTH BEND, IN	40001					(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVE	NTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/831,415	09/14/2001		Reginald Leema	n	KSN0013	4224
TITLE OF INVENTION: E PRINTED BOARDS	ELECTRIC COMPONENT	S FOR PRINTED	BOARDS AND M	ETHOD FOR AUTO	OMATICALLY INSERTING	SAID COMPONENTS IN
APPLN. TYPE	SMALL ENTITY	ISSUE FE	EE P	UBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330		\$0	\$1330	09/03/2004
EXAM	INER	ART UN	т с	LASS-SUBCLASS		
NGUYEN,	KHIEM M	2839		439-063000		
Address form PTO/SB/12	nce address (or Change of C 2) attached. on (or "Fee Address" Indicat r more recent) attached. Use	ion form	agents OR, altern firm (having as a agent) and the na	3 registered patent natively, (2) the name a member a registere armes of up to 2 regists. If no name is list	e of a single d attorney or 2 stered patent	
3. ASSIGNEE NAME AND PLEASE NOTE: Unless been previously submitted (A) NAME OF ASSIGNE	an assignee is identified beld to the USPTO or is being s	low, no assignee da submitted under sep	ata will appear on the		assignee data is only appropri OT a substitute for filing an ass OUNTRY)	ate when an assignment has signment.
Please check the appropriate	assignee category or catego	ries (will not be pri	inted on the patent);	□ individual □	corporation or other private g	roup entity 🖸 government
4a. The following fee(s) are			. Payment of Fee(s):			
☐ Issue Fee				nount of the fee(s) is e		
☐ Publication Fee				t card. Form PTO-203		
☐ Advance Order - # of (Copies			imber	charge the required fee(s), or (enclose an extra	copy of this form).
Director for Patents is reques	sted to apply the Issue Fee a	nd Publication Fee	(if any) or to re-appl	y any previously paid	l issue fee to the application ide	entified above.
(Authorized Signature)		(Date)				
other than the applicant; interest as shown by the rec	Publication Fee (if require a registered attorney or agronds of the United States Page 1	ent; or the assigned tent and Trademar	k Office.			
estimated to take 12 minut completed application for case. Any comments on suggestions for reducing the Patent and Trademark (22313-1450. DO NOT S	tion is required by 37 CFR by the public which is to five soverned by 35 U.S.C. I east to complete, including generated to the USPTO. Time with the amount of time you whis burden, should be sent of the USPTO. The with the sent of the year that the sent of the year that year t	athering, preparing Il vary depending require to comple to the Chief Inforn of Commerce, A TED FORMS TO	, and submitting the			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/831,415	(09/14/2001	Reginald Leeman	KSN0013	4224		
27187	7590	06/03/2004	EXAMINER				
BAKER & DA			NGUYEN,	NGUYEN, KHIEM M			
205 W. JEFFEF SUITE 250	RSON BOU	ULEVARD	ART UNIT	PAPER NUMBER			
SOUTH BEND	, IN 46601			2839			
				DATE MAILED: 06/03/200	DATE MAILED: 06/03/2004		

Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.